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7590                    06/26/2006  
**KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP**  
One World Trade Center  
Suite 1600              07/18/2006 HDEMESS2 00000008 09729658  
121 S.W. Salmon Street  
Portland, OR 97204      01 FC:2501      700.00 OP  
                            02 FC:1504      300.00 OP  
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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Sheree Lynn Rybak, Ph.D.	(Depositor's name)
July 13, 2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/729,658	12/04/2000	Jonathan Zonana	6005-55924	3101

TITLE OF INVENTION: HYPOHIDROTIC ECTODERMAL DYSPLASIA GENES AND PROTEINS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	09/26/2006
EXAMINER	ART UNIT		CLASS-SUBCLASS		
MARVICH, MARIA	1633		514-002000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.
2. For printing on the patent front page, list  
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
- 1 Klarquist Sparkman, LLP  
2 \_\_\_\_\_  
3 \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

- (1) Baylor College of Medicine  
(2) Oregon Health & Science University

- (1) Houston, Texas  
(2) Portland, Oregon

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

## 4a. The following fee(s) are enclosed:

- Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies four

## 4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-4550 (enclose an extra copy of this form).

## 5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date July 13, 2006

Typed or printed name Sheree Lynn Rybak, Ph.D.

Registration No. 47,913

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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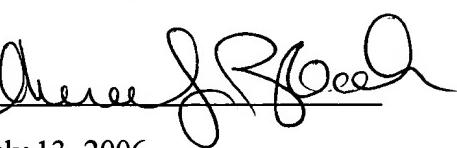
07/13/06 6907-55924-01 554295.doc \*\*See Notes

PATENT  
Attorney Reference Number 6907-55924-01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Zonana et al.**Application No.** 09/729,658**Filed:** December 4, 2000**Confirmation No.** 3101**For:** HYPOHIDROTIC ECTODERMAL  
DYSPLASIA GENES AND PROTEINS**Examiner:** Maria Marvich, Ph.D.**Art Unit:** 1633**Attorney Reference No.** 6907-55924-01MAIL STOP ISSUE FEE  
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I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP ISSUE FEE, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

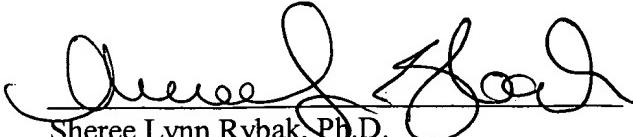
Attorney or Agent  
for Applicant(s) Date Mailed July 13, 2006**TRANSMITTAL LETTER****Enclosed for filing in the above-referenced application are the following:**

- In connection with issuance of a patent:
  - Form PTOL-85b
  - Advance order of 4 copies (Fee \$3.00 each = \$12.00)
  - Issue Fee (\$700.00)
  - Publication Fee (\$300.00)
- A check in the amount of \$1,012.00 to cover the above-listed fees.
- The Director is hereby authorized to charge any additional fees that may be required in connection with issuance of a patent, or credit over-payment, to Account No. 02-4550. A copy of this sheet is enclosed.
- Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

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By   
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Registration No. 47,913

cc: Docketing